
MCCREARY COUNTY

(McCreary County Water Service Area Map)

- Estimated 1999 population of 16,600--80% on public water
- Estimated 2020 population of 18,400--83% on public water
- 245 miles of water lines, with plans for 40 additional miles
- Estimated funding needs for public water 2000-2005--\$1,554,000
- Estimated funding needs for public water 2006-2020--\$0

McCreary County had an estimated population of 16,630 (6,015 households) in 1999 with a projected population of 18,417 (7,683 households) in 2020. Public water is provided to about 80 percent of the county's residents. In areas of the county not served by public water, about 70 percent of the households rely on private domestic wells and 30 percent of the households rely on other sources. About 240 customers will be added to public water service through new line extensions in 2000-2020.

Estimated Costs - Proposed Projects, 2000-2005

| COUNTY/System | | New Customers | | Rehab | Source | Treatment | Tanks/ Pumps | Total |
|-----------------------------|-------|---------------|----------------|-----------|-----------|-----------|-----------------|-----------|
| | Miles | Number | Cost in \$1000 | In \$1000 | in \$1000 | in \$1000 | in \$1000 | in \$1000 |
| MCCREARY | | | | | | | | - |
| McCreary Co. Water District | 39.9 | 238 | 1,554 | | | | | 1,554 |
| Total | 39.9 | 238 | 1,554 | | | | | 1,554 |

PUBLIC WATER SYSTEMS

The residents of McCreary County are served by the McCreary County Water District.

MCCREARY COUNTY WATER DISTRICT

PWSID: 0740276
System Type:..... COMMUNITY
Owner Type:..... WATER DISTRICT
Surface Source:..... LAUREL CREEK RESERVOIR
Purchase Source:
Well Source:
Sells Water to:
Treatment Plant Capacity (MGD):..... 1.50
Percent Daily Average Production:..... 87.00
Total Tank Storage Capacity (gallons): 200,000.00
Total Service Connections: 5,300.00
Number of Employees:..... 19.00
Treatment Operator Class:3D

WATER SERVICE AREAS

MCCREARY COUNTY

Kentucky

Prepared By:
Water Resource Development Commission

Department for Local Government
1024 Capital Center Drive, Suite 340
Frankfort, Kentucky 40601-8204
502-573-2382 -- 502-573-2939 fax
<http://dlgnt1.state.ky.us/wrdc/>

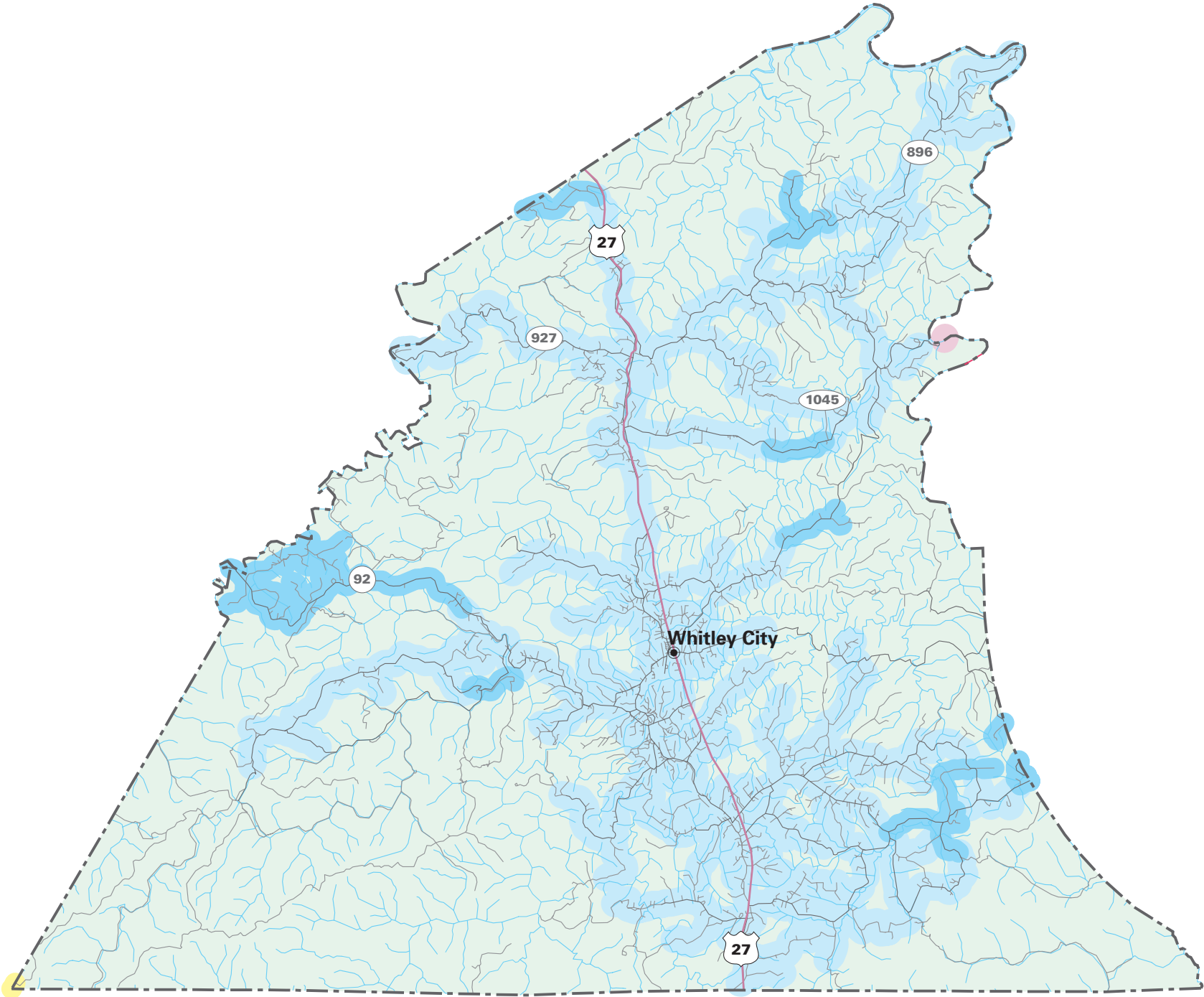
Bob Arnold, Chairman
Lawrence Wetherby, Executive Director

Final GIS & Cartographic Operations By:
Kent Anness & Kim Prough

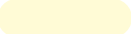
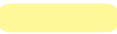
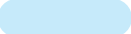



Data Collection & GIS Input By:
Kentucky Area Development Districts



LIMITATION OF LIABILITY: The Water Resource Development Commission has no reason to believe that there are any inaccuracies or defects in information incorporated in this work and make no representations of any kind, including, but not limited to, the warranties of merchantability or fitness for a particular use, nor any such warranties to be implied, with respect to the information or data furnished herein.



WATER SERVICE STATUS BY OWNER

| EXISTING SERVICE AREA | PROPOSED SERVICE AREA | |
|---|---|---------------------------------------|
|  |  | MONTICELLO WATER AND SEWER COMMISSION |
|  |  | MCCREARY COUNTY WATER DISTRICT |
|  |  | CUMBERLAND FALLS STATE PARK |



| | |
|---|----------------|
| Distribution Operator Class:..... | 3A |
| Customer Rate for 1,000 Gallons:..... | 3.76 |
| O/M costs 1997:..... | 842,758.00 |
| O/M costs per Service Connection: | 159.07 |
| Net Revenue 1997:..... | 117,954.00 |
| Total Water Produced 1997 (gallons):..... | 426,295,000.00 |
| Water Sold 1997 (gallons):..... | 309,345,000.00 |
| Unaccounted-for Water 1997 (%): | 10.91 |

PRIVATE DOMESTIC SYSTEMS

About 3,300 people in McCreary County rely on private domestic water supplies: 2,300 on wells, and 1,000 on other sources.

Most of the wells drilled in the valley bottoms and hillsides are adequate for a domestic supply. About half the wells drilled on hilltops and ridges are adequate for domestic needs. Deep wells penetrating thick sections of sandstone greater than 500 feet may yield enough water for small utilities or industrial supplies.

Water obtained from most wells in this county is soft or moderately hard and contains noticeable amounts of iron. Salty water may be found in wells drilled 100 feet below the level of the principal valley bottoms.

In the limestone valleys of western McCreary County, springs are occasionally found with flows as large as 100 gpm. Throughout the county most springs, however, yield less than 5 gpm.